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REC #	ADDRESS / LOCATION PARCEL # / CSM	ISSUE/CONCERN
1	GENERAL PROPERTY	HYDROCARBON AFFECTED SOIL REMAINS IN-PLACE (SITE-WIDE IN A NON-UNIFORM MANNER) ACROSS THE SUBJECT PROPERTY EXTENDING TO DEPTHS OF 0 TO 11 FT BGS. THIS CONDITION ALSO REPRESENTS A VAPOR ENCRORCHMENT CONDITION ON THE SUBJECT PROPERTY. FREE-PRODUCT ALSO REMAINS IN-PLACE IN SELECT AREAS (BLDG 412, BLDG 924 AND LIKELY BLDG 920) ON THE SUBJECT PROPERTY.
2	GENERAL PROPERTY	DISCREPANCIES EXIST BETWEEN THE NUMBER OF USTS REGISTERED AND/OR PERMITTED AND THE NUMBER OF USTS IDENTIFIED AND SUBJECTED TO U.S. EPA TIME-CRITICAL REMOVAL ACTIONS. AS SUCH, ADDITIONAL USTS (PERMITTED AND UNPERMITTED) MAY REMAIN IN-PLACE THROUGHOUT THE SUBJECT PROPERTY. IT SHOULD BE NOTED THAT USTS SUBJECT TO U.S. EPA TIME-CRITICAL ACTIONS WERE VACATED OF PRODUCT, DECONTAMINATED, BACKFILLED, AND ABANDON IN-PLACE.
3	GENERAL PROPERTY	PRESENCE OF FORMER HEAVY INDUSTRIAL OPERATIONS FROM ABOUT 1893 THROUGH THE MID 1990S WITH THE STORAGE, USE AND MANAGEMENT OF PETROLEUM PRODUCTS AND HAZARDOUS SUBSTANCES. VARIOUS MANUFACTURING PROCESS LINES AND FUNCTIONAL AREAS LIKELY DISCHARGED TO FLOOR DRAINS, SUMPS, BELOW-GRADE COLLECTION AND/OR RECIRCULATION SYSTEMS. AN EVALUATION OF THE INTEGRITY OF THE COLLECTION SYSTEMS, CONCRETE CONTAINMENT AND SEWAGE PIPELINE SYSTEM IS BEYOND THE SCOPE OF THIS ASSESSMENT. U.S. EPA TIME-CRITICAL ACTIONS INCLUDED THE PRESSURE WASHING, DEGREASING, DECONTAMINATING AND DEWATERING OF NUMEROUS, BUT POTENTIALLY NOT ALL, BELOW-GRADE FEATURES AND COLLECTION SYSTEMS. THE UNKNOWN DISTRIBUTION LAYOUT, AGE AND UNKNOWN INTEGRITY OF THE BELOW-GRADE FEATURES AND COLLECTION SYSTEMS IS A CONDITION FOR WHICH SHAW CANNOT ELIMINATE THE POTENTIAL FOR A RELEASE TO HAVE IMPACTED THE SUBJECT PROPERTY.
4	GENERAL PROPERTY	BASED ON THE URBAN SETTING OF THE SUBJECT PROPERTY, FORMER DEVELOPMENT, DEMOLITION, AND PLACEMENT OF FILL ON THE SUBJECT PROPERTY, ALONG WITH SHAW'S EXPERIENCE WITH SIMILAR SITES IN THE REGION, A POTENTIAL EXISTS FOR THE URBAN SOIL/FILL TO CONTAIN POLYNUCLEAR AROMATIC HYDROCARBONS, TOTAL LEAD AND ARSENIC CONSTITUENT CONCENTRATIONS AT LEVELS ABOVE REGULATORY INGESTION EXPOSURE ROUTE STANDARDS.
28	BLDG 913 EXTERIOR TO NORTH	THE 1939 - 2004 SANBORN FIRE INSURANCE MAPS AND 1988 - 2009 AERIAL PHOTOGRAPHS ILLUSTRATE THE PRESENCE OF A 'SULFURIC ACID' AST (UNSPECIFIED SMALLER SIZE PRE 1988, 40,000-GALLON POST 1988) IN NORTH OF BLDG 913. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (NORTH OF BLDG 913) WITH RESPECT TO ACIDIC CONDITIONS, VOC, CVOC CONSTITUENTS; SAMPLES COLLECTED IN THE PAST HAVE BEEN ANALYZED FOR METALS.
29	BLDG 914 EXTERIOR TO WEST	THE 1939 - 2004 SANBORN FIRE INSURANCE MAPS ILLUSTRATE THE PRESENCE OF AN 'ASH HOPPER' SITUATED ABOUT 50 FEET WEST OF THE NORTHWEST CORNER OF BLDG 914. THE CONSTRUCTION STYLE OF THIS ASH HOPPER (STEEL, WOOD, CONCRETE, OPEN OR CLOSED SYSTEM) AND THE COMPOSITION OF ASH (METAL, WOOD OR OTHER MATERIAL TYPE) STORED WITHIN THIS HOPPER IS UNKNOWN. BASED ON SHAW'S EXPERIENCE OPERATIONAL COLLECTION ASH AREAS MAY HAVE ELEVATED LEVELS OF SVOCs AND/OR METALS. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (WEST OF BLDG 914) WITH RESPECT SVOC AND METALS CONSTITUENTS.
30	BLDG 911	THE 1939 - 1950 SANBORN FIRE INSURANCE MAPS ILLUSTRATE THE PRESENCE OF 'PICKLING' OPERATIONS IN BLDG 911. BASED ON SHAW'S EXPERIENCE WITH THESE OPERATIONAL AREAS HAZARDOUS SUBSTANCES (HYDROCHLORIC ACID, SULFURIC ACID SOLUTIONS, AND SOLVENTS WITH VOCs/CVOCs) ARE TYPICALLY USED. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (BLDG 911) WITH RESPECT TO ACIDIC CONDITIONS, VOC, CVOC CONSTITUENTS; SAMPLES COLLECTED IN THE PAST HAVE BEEN ANALYZED FOR METALS.
31	BLDG 1024	ONE 10,000-GALLON UST (CONTENTS UNSPECIFIED AND IDENTIFIED AS UST007-1024) LOCATED BENEATH BLDG 1024 WAS ABANDONED IN-PLACE BY DEWATERING AND DECONTAMINATING. NO INDICATION OF PROPER CLOSURE IN-PLACE PROCEDURES AND NO CLOSURE SAMPLES WERE TAKEN OR REPORTED.
32	BLDG 1024	HYDROCARBON AFFECTED SOIL AND SVOCs IMPACTED SOIL ABOVE ILLINOIS TACO TIER 1 COMMERCIAL/INDUSTRIAL REMEDIAL OBJECTIVES REMAINS IN-PLACE (WESTON 2008, B-206 AND TETRA TECH 2004, SB05) BENEATH AND IMMEDIATELY SOUTH OF THE FORMER BLDG 1024, AT A DEPTH OF 2 TO 5 FT BGS.
33	BLDG 1024 EXTERIOR TO NORTH	HYDROCARBON AFFECTED SOIL REMAINS IN-PLACE (WESTON 2008, B-261) IN THE GENERAL VICINITY OF A FORMER OIL TANK AST LOCATED NORTH OF THE FORMER BLDG 1024 AT A DEPTH OF 4 TO 5 FT BGS. THE SOIL BORING WAS ADVANCED ABOUT 30-FEET NORTHWEST OF THE FORMER OIL TANK AST AND TOGETHER ARE IDENTIFIED AS REC 33.
34	BLDG 912	RESIDUAL PCB-CONTAMINATED CONCRETE AT CONCENTRATIONS WHICH ARE CLASSIFIED AS TSCA 'UNRESTRICTED AREA' POSSIBLY REMAINS IN-PLACE BENEATH THE GRADE OF BLDG 912. IF CONCRETE IS PRESENT, THE SPECIFIC LOCATION CANNOT BE DETERMINED DUE TO THE LACK OF SPECIFIC SAMPLING MAPS IDENTIFYING THE SAMPLED LOCATIONS.
35	BLDG 912 EXTERIOR TO SOUTH	PCB-CONTAMINATED SOIL ABOVE ILLINOIS TACO TIER 1 COMMERCIAL/INDUSTRIAL INGESTION REMEDIAL OBJECTIVE REMAINS IN-PLACE (WESTON 2008, B234, B235, B236 AND B259) IN THE FORMER CRANE WAY AREA SOUTH OF BLDG 912.
36	BLDG 912 EXTERIOR TO SOUTH	LEAD CONTAMINATED SOIL ABOVE ILLINOIS TACO TIER 1 COMMERCIAL/INDUSTRIAL INGESTION REMEDIAL OBJECTIVE REMAINS IN-PLACE (WESTON 2008, B-203) IN THE VICINITY OF THE FORMER CRANE WAY AREA SOUTH OF BLDG 912.
37	BLDG 912 EXTERIOR TO SOUTH	SOIL OVER-EXCAVATION/REMOVAL ACTIVITIES WERE COMPETED IN 2007 AND 2008 TO ADDRESS THE LEAD CONTAMINATION IN THE VICINITY OF WESTON 2008, B174 (1400 MG/KG). THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA IN THIS GENERAL AREA VALIDATING AND SUBSTANTIATING THE APPROPRIATE REMOVAL OF CONTAMINATED SOIL.
38	BLDG 912 EXTERIOR TO SOUTH	DURING COMPLETION OF WESTON 2008, B157 AND B179, PINK, GREEN AND PURPLE GRANULE FILL MATERIAL WAS ENCOUNTERED. THE FILL OF IS UNKNOWN ORIGIN AND QUALITY.
39	BLDG 924 EXTERIOR TO NORTH	TWO 8,000-GALLON USTS (CONTENTS UNSPECIFIED, IDENTIFIED AS UST001-080307-924W AND UST001-080307-924E) WERE ABANDONED IN-PLACE BY DEWATERING, DECONTAMINATING AND BACKFILLING. THERE IS A LACK OF DOCUMENTATION RELATIVE TO PROPER CLOSURE IN-PLACE PROCEDURES AND A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER SAMPLES IN THIS GENERAL AREA (NORTH OF BLDG 924).
40	BLDG 924 EXTERIOR TO NORTH	THREE USTS (ONE UNSPECIFIED CAPACITY, ONE 2,000-GALLON, ONE 1,000-GALLON, ALL HAVING UNSPECIFIED CONTENTS) ALL LOCATED IN ONE LOCATION WERE ABANDONED IN-PLACE BY DECONTAMINATED, DEWATERED AND BACKFILLED. THE THREE USTS ARE COLLECTIVELY REFERENCED AS UST003-080307-924(EXT). THERE IS A LACK OF DOCUMENTATION RELATIVE TO PROPER CLOSURE IN-PLACE PROCEDURES AND A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER SAMPLES IN THIS GENERAL AREA (NORTH OF BLDG 924).
41	BLDG 924	IN 2009 AN EXPLORATORY EXCAVATION AND CONTAMINATED SOIL REMOVAL WAS COMPLETED IN THE NORTH-CENTRAL PORTION OF BLDG 924 IN RESPONSE TO REPEATED OIL/WATER AND FREE PRODUCT INFILTRATION EVENTS INTO THE BASEMENT AND TRENCHES (REFERENCED AS OIL INTRUSION INVESTIGATION). IT WAS ASSUMED THAT THE SOURCE WAS SATURATED SOILS AND PIPING CONTAINING OIL. THE AREA OF THIS OIL INTRUSION INVESTIGATION IS ALSO THE LOCATION OF A FORMER COOLING TANK (1939 SANBORN MAP). WITH THE EXCEPTION OF CONTAMINATED SOIL DISPOSAL SAMPLE ANALYTICAL DATA (NOT PRACTICALLY REVIEWABLE AT THIS TIME) THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA IN THIS GENERAL AREA VALIDATING AND SUBSTANTIATING THE APPROPRIATE REMOVAL OF CONTAMINATED SOIL. FURTHERMORE, THE QUALITATIVE NATURE, HORIZONTAL AND VERTICAL EXTENT OF THE REMAINING FREE PRODUCT PLUME, IF ANY, BENEATH BLDG 924 HAS NOT YET BEEN FULLY DEFINED.
42	BLDG 1102	PCB-CONTAMINATED SOIL ABOVE ILLINOIS TACO TIER 1 COMMERCIAL/INDUSTRIAL INGESTION REMEDIAL OBJECTIVE REMAINS IN-PLACE (WESTON 2008, B124) IN THE VICINITY OF BLDG 1102.
43	BLDG 1101	LAND-GRADING, LAND-FILLING AND/OR LAND AGITATION CHARACTERISTICS (LIGHT/DARK AREAS) ARE APPARENT ON THE 1938 -1955 AND 1999 AERIAL PHOTOGRAPHS. A POTENTIAL EXISTS FOR THESE CHARACTERISTICS TO BE INDICATIVE OF FILL PLACEMENT. THE ORIGIN AND QUALITATIVE NATURE OF THIS FILL MATERIAL, IF PRESENT, IS UNKNOWN. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE IN THE GENERAL VICINITY OF BLDG 1101.
44	BLDG 1018 EXTERIOR TO NORTH	ONE 15,000-GALLON UST (UNSPECIFIED CONTENTS) LOCATED ON THE NORTH SIDE OF BLDG 1018, WEST OF THE NORTHEAST CORNER IS ILLUSTRATED ON EXHIBIT I: MODIFIED TETRA TECH FIGURE 1 AS PREPARED BY TETRA TECH / CARNOW, CONIBEAR & ASSOCIATES LTD AND PRESENTED IN THE SEPTEMBER 2009 TETRA TECH ENVIRONMENTAL OVERSIGHT REPORT. U.S. EPA TIME-CRITICAL REMOVAL ACTION INVESTIGATIONS AND ACTIVITIES DID NOT DIRECTLY REFERENCE THE ABANDONMENT, DEWATERING, CLOSURE OF THIS UST. HYDROCARBON AFFECTED SOIL REMAINS IN-PLACE (WESTON 2008, B-206) AT A DEPTH OF 4 TO 5 FT BGS IN THE GENERAL AREA. THE CONTENTS AND INTEGRITY OF THIS UST IS UNKNOWN. IN ADDITION, THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER SAMPLES IN THIS GENERAL AREA (NORTH OF BLDG 1018).
45	BLDG 1018	RESIDUAL PCB-CONTAMINATED CONCRETE AT CONCENTRATIONS WHICH ARE SUBJECT TO TSCA REGULATIONS (FORMER TRANSFORMER SUBSTATION 1, BLDG 1018) REMAINS IN-PLACE.
46	BLDG 1018	OIL STAINING OF THE CONCRETE IN THE FORMER GENERAL OPERATIONAL AREAS OF BLDG 1018 WAS OBSERVED DURING THE SHAW DECEMBER 2011 SITE RECONNAISSANCE. CONSIDERING THE PREVALENCE OF PCB-CONTAMINATED CONCRETE IN OTHER AREAS OF THE SUBJECT PROPERTY, THERE IS A LACK OF QUALITATIVE DATA RELATIVE TO THE ABSENCE/PRESENCE OF THIS CONCRETE BEING PCB-CONTAMINATED.
47	BLDG 1018 EXTERIOR TO WEST	BASED ON SANBORN FIRE INSURANCE MAP AND AERIAL PHOTOGRAPHY A LARGE BUNKER OIL TANK (AST) WAS PRESENT IN THE SOUTHWESTERN PORTION OF THE SUBJECT PROPERTY FROM ABOUT 1939 TO AT LEAST 1994. THE BUNKER OIL AST WAS SITUATED ABOUT 75 TO 100 FT WEST OF THE NORTHWEST CORNER OF BLDG 1018. AN ASSOCIATED PUMP HOUSE WAS LOCATED IMMEDIATELY NORTH OF THE NORTHEAST CORNER OF THE BUNKER OIL AST DIKE. IT IS UNCLEAR IF THE DISTRIBUTION PIPING SYSTEM WAS SITUATED ABOVE OR BELOW GROUND. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (FORMER BUNKER OIL AST SYSTEM).
48	BLDG 1018 EXTERIOR TO WEST	LAND-GRADING, LAND-FILLING AND/OR LAND AGITATION CHARACTERISTICS (LIGHT/DARK AREAS) ARE APPARENT ON THE 1938 -1955 AND 1999 AERIAL PHOTOGRAPHS. A POTENTIAL EXIST FOR THESE CHARACTERISTICS TO BE INDICATIVE OF FILL PLACEMENT. THE ORIGIN AND QUALITATIVE NATURE OF THIS FILL MATERIAL, IF PRESENT, IS UNKNOWN. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE IN THE GENERAL VICINITY.
49	BLDG 1117	LAND-GRADING, LAND-FILLING AND/OR LAND AGITATION CHARACTERISTICS (LIGHT/DARK AREAS) ARE APPARENT ON THE 1938 -1955 AND 1999 AERIAL PHOTOGRAPHS. A POTENTIAL EXIST FOR THESE CHARACTERISTICS TO BE INDICATIVE OF FILL PLACEMENT. THE ORIGIN AND QUALITATIVE NATURE OF THIS FILL MATERIAL, IF PRESENT, IS UNKNOWN. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE IN THE GENERAL VICINITY.
50	BLDG 924	THE 1950 - 2004 SANBORN FIRE INSURANCE MAPS ILLUSTRATE THE PRESENCE OF 'PAINT DIPPING' OPERATIONS IN NORTHWEST CORNER OF BLDG 924. BASED ON SHAW'S EXPERIENCE WITH THESE OPERATIONAL HAZARDOUS SUBSTANCES (SOLVENTS WITH VOCs/CVOCs) ARE TYPICALLY USED. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (BLDG 924) WITH RESPECT TO VOC, CVOC CONSTITUENTS.
51	BLDG 928	THE 1950 - 2004 SANBORN FIRE INSURANCE MAPS ILLUSTRATE THE PRESENCE OF 'COOLING POND SPRAY POND' OPERATIONS BLDG 928. BASED ON SHAW'S EXPERIENCE WITH THESE OPERATIONAL HAZARDOUS SUBSTANCES (METALS, SOLVENTS WITH VOCs/CVOCs) ARE TYPICALLY USED. THERE IS A LACK OF QUALITATIVE SOIL AND/OR GROUNDWATER DATA AVAILABLE WITHIN THIS GENERAL AREA (BLDG 928) WITH RESPECT TO METALS, VOC AND CVOC CONSTITUENTS.

